

## FALLS 2 LEVELS



## BOTH ARE DEVILS



WINNING SAFETY POSTER for the month of January is this effective sketch by C. B. Smith, Beryllium Fabrication.

## Safety Poster Ideas Growing

### Hobson, Kuykendall Win November Contest

With the first two monthly safety poster contests producing more and better ideas of promoting safety throughout the plant, the third of the series of competitions being staged by the Y-12 Safety Department now is under way. The subject for the December safety poster competition to select a design for the March, 1961, poster is on the subject of "Protective Equipment."

The deadline for submitting entries for this contest is Friday, December 30, when all entries must be in the Safety Office, Bldg. 9704-2, not later than 8 a.m. February Subject Draws

Meanwhile, last week the Safety Department reported the winner and runner-up for the safety poster contest for November, in which a sketch was picked on the February safety subject of "Material, Equipment and Tool Handling." The first prize of a sabre saw was won by W. J. Hobson, Metallurgical Development, while W. C. Kuykendall, Process Analysis, took second prize of a wood plane. A picture of the presentation of the awards and a reproduction of the prize winning poster design will be published in The Bulletin next week.

The first of the safety poster contests was held in October for the January poster with the subject being "Falls, Two Levels." This contest was won by C. B. Smith, Beryllium Fabrication, who won a table model radio. Paul J. Long, Physical Testing, was second and was presented a blanket.

### "Falls" January Subject

Smith's design is an impressive cartoon, published in the next column. The wording "Falls, Two Levels — Both Are Devils," is backed up with the picturing of two characters known as "Drip" and "Chump." They are being egged on to unsafe acts of creating hazards conducive to falls by a pair of imps. Long's entry also was a high class effort under the slogan of "Magic Won't Help but 'Common Sense Will.'"

Smith's prize winning poster idea will be seen on January safety posters throughout the plant.

### Monthly Paid Y-12ers To Get Checks December 20

In accordance with Carbide custom, December pay checks for monthly employees will be distributed before Christmas instead of waiting for the usual 26th of the month pay date. This year the checks for monthly Y-12ers will be distributed on next Tuesday, December 20, at the usual pay points and hours. Checks sent direct to banks will be deposited as of December 20. Hourly and weekly employees will receive their pay checks on regular schedules during December.

### NATIONALIZED MINES AIM

India's diamond mines at Panna, in Madhya Pradesh, will be nationalized, according to news reports. An area of 45 square miles has four known "pipe lines" leading to deposits of the precious stones.



THESE TOE-TICKLING TUNESTERS are the Dixielanders of Papa John Gordy, at the piano, from Nashville, who will perform at the Y-12 Christmas Dance scheduled for Friday night of this week, December 16, at the Oak Terrace ballroom. The other band members, from left, are Jack Gregory, clarinet and saxophone; Bob Lamm, trumpet and singer; Dutch Gorton, trombone; Walter Summers, bass saxophone; Jack Shook, banjo and guitar; and Faris Courser (behind piano), drums.

## Theft Of Government Property Is Serious

### All Y-12ers Obligated To Report Violations

It is essential to security that all government property assigned to the Y-12 Plant be protected from theft, misuse and sabotage.

Theft of government property has serious implications, particularly in an Atomic Energy installation. Theft of strategic or classified material could involve sabotage or espionage. Theft of special nuclear material usually involves violation of the Atomic Energy Act. Theft of classified materials may invoke penal provisions concerning "restricted data" or information relating to the national defense. Any item of government property in the plant could contain special nuclear material and could also be classified. Certainly all items of government property in the plant are used, directly or indirectly, in connection with national defense.

The Company and its employees are obligated to exercise appropriate control of government property used in connection with the operation of the plant. In cases of thievery or misuse of such property, strong administrative action, including possible discharge and prosecution under appropriate Federal law, may be expected.

Each employee is obligated to report all violations or potential violations of Federal law, especially of the Atomic Energy Act and those pertaining to sabotage, espionage and theft or misuse of government property. No one has the right to place his private judgment above the letter or the spirit of security regulations.

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
12 Days Or  
369,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through December 11  
Phone 7755  
For Daily Report  
On Accident-Free Hours

## Y-12 Christmas Dance

OAK TERRACE BALLROOM  
DEC. 16, 1960

9:00 P.M. TO 1:00 A.M.



## Southern Schools Get AEC Education Grants

### Several Tennessee Institutions Included

The Atomic Energy Commission has approved grants totaling \$1,547,538 to 113 educational institutions throughout the country for the purchase of laboratory equipment needed to initiate or expand their nuclear education programs in the fields of life and physical sciences and engineering. The grants are a part of the AEC program to assist in providing trained manpower for the atomic energy field and to assist in the orientation of students in science and engineering in nuclear phenomena.

About a dozen beneficiaries of the latest AEC grants are Southern institutions. Tennessee institutions receiving grants are the University of Tennessee, Memphis State University, Southwestern at Memphis, Christian Brothers College, Memphis; and William Jennings Bryan University at Dayton, Tenn.

These awards bring to a total of \$18,407,892 the total assistance provided by the AEC to 330 educational institutions for instructional equipment since these programs were initiated about four years ago. The AEC also has loaned about \$10,000,000 worth of nuclear materials to many of these institutions.

## Dance, Parties Will Bring Joy

### Fine Fun Is Planned For Y-12ers, Children

When Papa John Gordy's band breaks into the crashing rhythm of "When The Saints Come Marching In," that toe tickling tune will undoubtedly mean "There's A Hot Time In The Old Town Tonight" for the big throng of Y-12 merrymakers expected at the annual Y-12 Christmas Dance on Friday night of this week, December 16, at the Oak Terrace.

### Thousands Are Expected

While their parents and other Y-12 adults are cavorting at the Christmas hop, their youngsters in the two to 10-year-old age bracket are eagerly anticipating the Union Carbide Children's Christmas Parties to be staged Thursday and Friday, December 22 and 23 at the Oak Ridge High School and Gamble Valley School. At these six parties several thousands of Carbide youngsters will be enjoying themselves with visits from Santa Claus, receiving of gift stockings, viewing of cartoon movies and other entertainment aimed at providing the maximum of pleasure for the small fry.

The Y-12 Christmas Dance at the Oak Terrace will dispense merriment, mingling of Y-12 friends, dancing and presentation of fine door prizes from 9 p.m. to 1 p.m. For the sixth straight appearance at Y-12 holiday shindigs, Papa John Gordy's Dixielanders from Nashville are slated to fill the big hall with snazzy dance music. At intermission time around 11 p.m. three lucky number holders will receive door prizes of a turkey, ham and fruit cake.

### Schedules Should Be Noted

Meanwhile, back to the parties for the younger generation. At the Oak Ridge High School the parties for the youngsters will be at 10 a.m., 1 p.m. and 3 p.m. on Thursday, December 22. The Gamble Valley party will be at 11 a.m. on Thursday, December 22. Then on Friday, December 23, there will be two more parties at the Oak Ridge High School.

Y-12 parents of youngsters expecting to attend these parties are urged to particularly note the times of the parties and be certain of the times designated on their tickets. There are separate tickets issued for each party and for the sake of avoiding confusion and overcrowding, it is essential that the young guests attend the particular party their tickets call for. Promptness also is essential as the auditorium at the high school must be cleared after each party and late comers might miss part of the program.

### BEAR TRACERS

News reports have reported that scientists are thinking of attaching miniature radio transmitters to grizzly bears in an effort to keep track of their wanderings during the fall of every year.

### STATE INDIANS KNOW HOW

Indians in Tennessee are reported to have hired a Memphis college student to teach them how to make arrow heads to sell to tourists.

### CARRYING THE MAIL

Nearly 1,000 tons of paper are required by the United States Government for its annual production of postage stamps. These are printed at the rate of 50,000,000 daily and each day's total would cover an area of eight acres. According to their face value the annual production of stamps is worth around \$500,000,000.

# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
UNION CARBIDE  
NUCLEAR COMPANY  
Division Of  
UNION CARBIDE CORPORATION

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## Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12 employees who will complete 15 and 10 years of Company Service within the next few days:

### 15 YEARS

**Louise D. Gardipee**, Mechanical Inspection, December 15.  
**Edward R. Crass**, Chemical, December 19.

**Dillard D. Spangler**, Buildings and Grounds, December 20.

### 10 YEARS

**Otha C. Haney**, Area Five Maintenance, December 14.

**Ray G. Perkins**, Guard, December 14.

**Burl R. Price**, Research Services, December 14.

**Robert E. Hart**, Research Services, December 14.

**Frank N. Haynes**, Production Control, December 15.

**Ralph H. Lovin**, Process Maintenance, December 15.

**Harlie L. Howell**, General Machine Shop, December 15.

**James M. McCloud**, Janitors, December 18.

**Harold C. Giles**, Area Five Maintenance, December 18.

**Kent D. Patterson**, Cafeteria, December 18.

**Raymond F. Phillips**, Alpha Four Cascade Operations, December 18.

**Robert Mason**, Tool Grinding, December 18.

**Carl E. Holt**, General Machine Shop, December 18.

**Neil C. Parrish**, Chemical, December 18.

**Harold B. Smith**, Research Services, December 18.

**Spencer B. Underwood**, Beta Two, December 18.

**Roy L. Forsyth**, Graphite Shop, December 18.

**Elbert J. Asbury, Jr.**, Mechanical Engineering, December 19.

**E. Malcolm Massey**, Engineering Physics Development, December 20.

## Paul J. Arrowood Funeral Held In Ridge December 5

Following his unexpected death on Saturday afternoon, December 3, at Oak Ridge Hospital, funeral services for Paul Joseph Arrowood, 37, a welder in the Y-12 General Machine Shop, were conducted on Monday, December 5, at the Martin Funeral Home, Oak Ridge. Burial was in Mount Holly, N.C.

Mr. Arrowood was born in Elizabethton, Tenn., May 2, 1923. He came to work in Y-12 on June 2, 1953. He was well known in Y-12 golfing circles.

Survivors include his widow, Mrs. Gwendolyn Arrowood; four sons, Paul Ronald, David Lee, Allen Keith and Mark Charles Arrowood, all of Oak Ridge. Also surviving are his mother, Mrs. Dora Arrowood, Norfolk, Va.; father, Charles W. Arrowood, Long Beach, Cal.; three sisters, Mrs. Dorothy Walker, Norfolk, Va.; Mrs. Mary Erickson, Minneapolis, Minn.; and Mrs. Betty Stewart, Portsmouth, Va.

Many friends of the former Y-12er throughout the plant and fellow employees in the General Machine Shop extend their sincere sympathy to the family.



**Definition of husband** — A man who lays down the law to his wife—and accepts all her amendments.

**So—with amendments**—here's the pre-holiday crop of corn for **Strictly Confidential**, beginning with—

### TECHNICAL

From Special Projects comes moans of the miseries of viruses and such along with news of vicissitudinous vacation plans . . . **Kay Sideris** out-did all long distance operators for more than a week with a code in her dose and hed that made her mizable . . .

Then **Grady Bennett** was held in the vise-like grip of a virus strep throat . . . **H. E. Buckminster** continued to recuperate and rest in Oak Ridge Hospital following a warning of possible ticker trouble. Several SPs borrowed a remote control television set to help him while away his confinement . . . On the gayer side, **Ken Bernander** returned from his vacation down on the Mississippi Delta full of wim, wigor and witality . . .

**Tom Keane** volunteered his energies to the planting of trees and shrubbery on his half-acre lot during his vacation . . . **Ken Bowers**, of the Bldg. 9212 bunch, is spending his vacation in Oak Ridge, and it is a sure bet he won't be indulging in any such calorie-consuming activities as landscaping . . . One probably will never know how Mary Marshall Lockhart lured spouse **George Lockhart** away from the golf course and up into them thar hills for a week end of rock hunting. The report George related on the events of the stone safari was that a sample of his hacking and chipping passed from hand to hand, leaving holders deep in thoughts of dinosaurs, Alley Oops and the like after viewing the beautifully preserved fern. While George is most proud of his excellent specimen that shows complete fronds and distinctive veinage he proudly asserts that it's only passable when compared to several others at home in the Lockhart collection . . . Considering all this, the Colyum's correspondent, **Jim Kobisk** suggests that the Lockhart endeavors, linked with the North Carolina ruby mining expedition of Gene Ware, TW Shops, (The Bulletin, November 23) should inspire a "Grub In The Ground Week" for the nation.

**Wife (reading hubby's fortune card)** "You're a leader of men, You are brave, strong-willed and popular with women. It's got your weight wrong, too."

### MAINTENANCE

Here he is again, folks. The wide awake and smiling youngster is **John Franklin Fox**, the only grandson of **J. R. Pitts**, Electrical. Johnny will be one year old in January, so the Colyum Conductor prowled through old files of The Bulletin, and, sure enough, there was a picture of John Franklin and note of his birth. Grandpop Pitts is mighty proud of the boy . . .

**W. C. Coffey** is a kindly chap—he's taking his parents to Florida for their vacation . . . **Bo Glover** is hunting on Watts Bar Lake and then will go over to West Tennessee to visit his parents for a few days . . . **R. Y. Ditmore** is off bird hunting again . . . **Blanche Miller** is doing her Christmas

shopping . . . Get well wishes go to **J. F. Johnson**, still off ill . . . Sympathy is extended **F. W. Henson**, whose father died recently.

Area Five Maintenance folks are congratulating **D. W. Bennett**, latest member of the Proud Pop Club, who joined up November 30 when an eight-pound 14 ounce daughter put in her appearance at 8:27 a.m. at Oak Ridge Hospital. She was named **Kelly Denise**.

Research Services extends condolences to **T. A. Scarborough**, whose daughter died recently . . . Rapid recovery wishes go to **R. J. Malone**, who suffered a broken ankle in a recent home accident. Process Maintenance missed **John Minchey** for 10 days because of a mishap. Seems as how although it was out of season for lawn mowers, he grabbed his grass eradicator to do some leaf mulching and the machine hurled a small rock against his ankle, severely bruising same.

It's easy for folks to make monkeys of themselves—just by carrying tales.

### MECHANICAL OPERATIONS

The Beta Four Heavy Machine Shop is real happy to see **C. E. Blume** back in harness after having been ill for too long . . . However, back at the ranch, **E. J. Sands** still is trying to heal that "long break" in his arm . . . **D. K. Branson** is vacationing just where he didn't say . . . However, **H. N. Wright** hinted he might go to Florida (he's a smart guy) . . . **Bill Sahr** really went to Alabama and has a new buzz buggy to prove it. The job is complete with air conditioning and envious ones are blaming the temperature drop last week on the gadget.

The same type of automobile mentioned in the previous paragraph has **George Ferrell**, of Rolling and Forming, in Dutch with his car pool riders. They claim the durn thing is so long that riders in the back seat are 20 minutes later getting to work than the front seat passengers . . . Get well wishes are wafted to **Jim Liefsha**, moaning with the mumps.

The Alloy Shop's newest Proud Pop is **P. H. Hooker**, boasting about his brand new son . . . Get well wishes are extended **C. R. Bates** and **D. L. Freels**, both on the ailing list . . . **O. C. Hutchison** is starting his vacation next week, in plenty of time for his projected trip to the North Pole as **Santy's Little Helper**.

The Mechanical Operations Division is minus an important member these days—**Mary Moore Lay**, the Colyum's faithful reporter for Production Control is in Presbyterian Hospital, Knoxville, recuperating from recent surgery. The Colyum joins the department and division in sending rapid get well wishes.

Tool Grinding's **LeRoy A. Taylor** recently completed an advanced course in grinding and sharpening metal cutting tools at a grinding equipment firm at Royal Oak, Mich.

A good carpenter is one who can keep a straight face while repairing a do-it-yourself project.

### SHIFT SUPERINTENDENTS AND UTILITIES

From the PSS Office **W. R. Brothers** is vacationing, but didn't tell of his destination or plans.

Utilities and many other friends of **Jean Jones** extend her and her father best get well wishes for him. He underwent surgery last week and Jean went over to the old family home at Dowlstown to be on hand . . . Rapid recovery wishes also go to **Scotty Elsbree**, ill in Oak Ridge Hospital . . . **L. D.**



Mr. and Mrs. James T. Ament



### AMENT—HUBBARD

In a wedding of interest to many Y-12ers because fathers of both the bride and groom are Y-12 employees, Miss Ruth Ann Hubbard and James Terry Ament exchanged marriage vows on Thanksgiving Day, Thursday, November 24. The ceremony was performed at 4:30 p.m. at the Beaver Ridge Methodist Church with the pastor, the Rev. John Duck, officiating.

Parents of the bride are Cecil Hubbard, of Research Services, and Mrs. Hubbard, who live on Route 20, Knoxville. The groom is the son of James E. Ament, Area Five Maintenance, and Mrs. Ament, of Cookeville, Tenn.

Given in marriage by her father, the bride wore a waltz-length white gown embroidered with seed pearls and featuring a scalloped hemline and sweetheart neck. She carried white roses clustered around a white orchid.

Miss Nancy Hubbard, sister of the bride, was maid of honor. She is from New Albany, Miss. Matron of honor was Mrs. Douglas Nolan, of Chattanooga.

The father of the groom served as best man. Ushers were Keith Ament, Knoxville; and Henry Ament, Cookeville; both cousins of the groom.

During the ceremony appropriate wedding music was presented by Miss Clara Rollins, organist; and Mrs. Charles D. Sine, vocalist.

Following the wedding a reception was held at the church.

The groom now is a senior at Tennessee Polytechnic Institute, Cookeville, where he is a biology major. The bride also attended TPI for two years.

The couple is at home in Cookeville.

**Carlton** didn't reveal his vacation plans before skipping out last week . . . **E. F. Sosby** slew him an eight-point buck on a deer hunt on the Central Peninsula November 26.

### FINANCE AND MATERIALS

Plant Records extends sympathy to **Emma Puckett**, whose mother died recently . . . Likewise to **Dot Connor**, whose father-in-law succumbed a few days ago.

The Mail Room sends its deepest sympathy to **Orel Hartman**, whose brother died recently . . . Get well wishes are sent to ailing **K. Jeffers**.

**Food for thought for coming retirees**—A baby takes about two years to learn to talk and about 65 years to learn to keep his mouth shut.



Want to join car pool from vicinity of Rambling Acres or West Haven to any portal, straight day. **G. A. Schierbaum**, plant phone 7008, home phone Knoxville 4-2640.

Want to join car pool from Norwood Heights, Knox County, to Central Portal, straight day. **W. D. Buchanan**, plant phone 7485, home phone Norris 7222.

Ride wanted or will join car pool from vicinity Cedar Lane and Rowan Road, Fountain City, to Bear Creek Portal, straight day. **D. L. Van Dusen**, plant phone 7-8719, home phone Knoxville MY 1-5633.

Ride wanted or will join car pool from Outer Drive between New York and Michigan Aves., Oak Ridge, to East Portal, straight day. **Carl Jones**, plant phone 7402, home phone Oak Ridge 5-8792.

Rider wanted from Chapman Highway vicinity, South Knoxville, to any portal, straight day. **E. E. Cook**, plant phone 7-8445, home phone Knoxville 7-4786.

Want to join car pool from vicinity Highland Drive, Clinton, to East Portal, straight day. **C. F. Brewer**, plant phone 7351, home phone Clinton 981-W.

Ride wanted from Suburban Hills, Knoxville - Kingston Pike, to Bear Creek Portal, straight day. **S. H. Hart**, plant phone 7335, home phone Knoxville 8-1682.

Ride wanted from 724 North Fifth Ave., Knoxville, to Central or West Portal, straight day. **M. M. Boyd**, plant phone 7-8600.

## Virmon W. Arms, Sr., Rites Held December 9 In Ridge

Funeral services and interment for Virmon W. Arms, Sr., 58, a machinist in the Y-12 Research Services Department, were held last Friday afternoon, December 9. The last rites were conducted at the Martin Funeral Home, Oak Ridge, and burial was in Tennessee Valley Memorial Gardens, Powell.

The former Y-12er died on Monday, December 5, at the Oak Ridge Hospital. He came to work here on August 21, 1944.

Survivors include his widow, Mrs. Cleo Arms; son, V. W. Arms, Jr., U.S. Navy and a former Y-12er; three daughters, Mrs. Virginia Shaffer, Oak Ridge; Mrs. Sue Butler, Springdale, Ark.; and Miss Linda Faye Arms, at home in Powell. Also surviving are three brothers, S. L., B. R., Sr., and Oscar Arms, all of Knoxville; and five grandchildren.

Fellow employees in Research Services and friends throughout the Y-12 Plant extend their sincere sympathy to the family.

## Funeral For Charles May Is Conducted At Harriman

Final rites and burial for Charles Sevier May, 53, a rigger and ironworker in the Y-12 Buildings and Grounds Department, were held on Monday, December 5, at Harriman. Interment was in Roane Memorial Garden at Rockwood.

Mr. May, who lived on Route 2, Harriman, died Saturday morning, December 3, at Harriman Hospital. The former Y-12er came to work in the plant on September 5, 1945. He was born in Rankin, Tenn., March 5, 1902.

Surviving are his widow, Mrs. Myrtle Hendrickson May, of Harriman; son, C. S. May, Jr.; two daughters, Misses Elizabeth May and Jane May, all of Harriman; two sisters, Mrs. George Harvey, Kingston; and Mrs. Dora Wilson, Rockwood.

Sincere condolences are extended the family by Mr. May's fellow employees in Buildings and Grounds and other friends in the Y-12 Plant.



**THIS AGGREGATION OF Y-12ERS** really "got the birds" on a recent safari over on Watts Bar Lake staged December 3. Each got his limit of three. The hunters, from left, are Bob Hill, Production Control; Bill Holbert and Paul Bass, both of SS Control.

## Toppers Clinch First Half Top Honors In Mixed League By Downing Scrappers

Asserting themselves as the class of the league for practically all of the first half of the season, the Toppers combo in the Mixed League of Y-12 men and women bowlers clinched first place in the opening round of play by handing the Scrappers a three-point defeat last week. The first half of the season will close with tonight's play and the Toppers wrapped up their claim to the title after alley activities last week, finishing seven points out in front of the parade.



**A DEAR AND HER DEER** are shown above. The 115-pound buck deer was shot by Frances Patton, Engineering Records, on November 12 in the Catoosa Game Reserve, providing the Y-12er with ample Thanksgiving venison in place of turkey.

## UCNC Volleyball League Play Begins

A 10-team Carbide Volleyball League with teams from Y-12, Oak Ridge National Laboratory and Oak Ridge Gaseous Diffusion Plant began operations last Thursday night at the Oak Ridge High School, where two courts are available. Competition will be staged every Thursday night with four games scheduled.

The three Y-12 teams competing in the league and their managers are Eagles, Loyd Wyatt; Hunters, W. B. Tyree; and C Shift Cats, P. G. Hatmaker. From ORNL will be Biology No. 1, Ed Lee; Biology No. 2, Gerry Casgrove; Spikers, Don Jackson; and Set Ups, Ed Sonder. The ORGDP is represented by Process Engineers, Wally Cox; A Shift, V. T. Murphy; and MIT, Jim Matterly.

Only one round of play will be scheduled for the season, after which a single elimination tournament will be held. Trophies will be awarded members of the league champions and runners-up and also to the tournament champions and runners-up.

In engagements last Thursday the Process Engineers took three points from the Eagles for forfeit, the Spikers beat MIT 15-3, 15-11 and 15-11, the Set Ups socked A Shift by 15-2, 15-11, 17-15 and Biology No. 2 defeated Biology No. 1, 15-13, 15-5, 6-15.

Security carelessness is costly.



"Which one of you is spreading those nasty rumors that I'm a nice guy?"

## IBMs First Half Champs In C Loop

### Big Five Pinmen Drop To Second Position

The IBMs team captured first half of the season honors in the C League of Y-12 bowlers on December 5 when they plucked three points from the Sunflowers to break a previous tie with the Big Five keglers, which dropped three to the Hillifers. Similar decisions were posted by the Hookers over the Par Busters, Chillers over the SPs, Alley Cats over the Ramblers and C Shift over the Beta Four.

Raymond Galford, Sunflowers, again was high scratch series scorer with 583. L. D. Martin, Chillers, had the best single game scores with 226 scratch, boosted to 248 with handicap. J. W. Halsey, Beta Fours, was tops with his 636 handicap series. In team scoring the IBMs had the high scratch scores of a 919 game and 2513 series. In handicap scoring the Chillers were high with 1076 and 2933.

League standing follows:

Team	W	L
IBMs	38	26
Big Five	36	28
C Shift	36	28
Sunflowers	33	31
SPs	33	31
Hillifers	33	31
Beta Fours	31	33
Hookers	31	33
Par Busters	30	24
Chillers	30	34
Alley Cats	28	36
Ramblers	25	39

## Holzknicht Paces Rippers To Victory And Increased Lead

Paced by a blazing 654 scratch and 705 handicap series by Jay Holzknicht, the veteran Rippers team of the Classic League of Y-12 bowlers romped on the All



Jay Holzknicht

Stars for a three-point triumph last Thursday night. This win, coupled with a three-point defeat suffered by the Sportsmen at the hands of the Wolves, gave the Rippers a substantial lead for the first time in several weeks. The lowly Smelters smote the Wasps for a four-point whitewash victory and the Screwballs twisted the Tigers' tail by the same score. Three-point wins were recorded by the Has Beens over the Cubs and Playboys over the Eight Balls. The Markers and Bumpers broke even at two points each as did the Rebels and Swingsters.

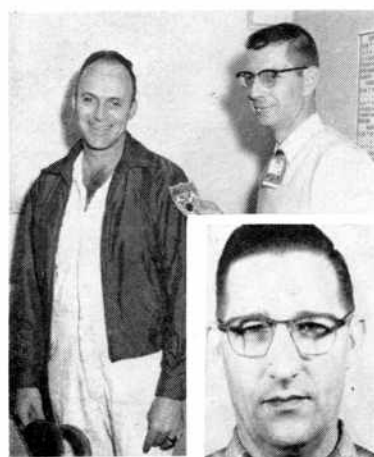
Aided by Holzknicht's high scoring, the Rippers posted top team scores of a 989 scratch and 1083 handicap game and 2754 scratch series. The Wolves got into the act with a 3067 handicap series for best of the night, aided by a 247 scratch and 272 handicap game by J. D. Brown.

League standing follows:

Team	W	L
Rippers	39	13
Sportsmen	34	18
Markers	29	23
Swingsters	29	23
Has Beens	29	23
Screwballs	28½	23½
Tigers	27	25
Rebels	27	25
Wolves	26½	25½
Playboys	26	26
Bumpers	23½	28½
Eight Balls	23	29
Cubs	21	31
All Stars	20	32
Wasps	18½	33½
Smelters	15	37

### OLDEST CITY?

The capital city of the Dominican Republic, Ciudad Trujillo, is the oldest city in the New World. It was founded in 1496 by Bartholomew Columbus, brother of Christopher, and formerly was called Santa Domingo.



**A TRIPLICATE CLUB** shoulder patch from the American Bowling Congress is being presented Harry Clayton, left, by Jack Cox, secretary of the Bush League of Y-12 bowlers. Harold Zang, below, also received a similar patch. Clayton, rolling for the Alley Gators, recorded three games of 138 to qualify for the club. Zang, of the Balls O' Fire, posted three consecutive games of 193 for his membership.

## Beavers Take Over Bush League Lead; Lucky Five Drops

Another upheaval rocked the standings in the Bush League of Y-12 bowlers December 5. The blazing Beavers rose to the top of the ladder with a three-point win over the Rollniks as the previous leaders, the Lucky Five, tumbled all the way from first to third after absorbing a white-wash defeat of four points at the hands of the Pin Busters. Meanwhile, the Balls O' Fire, up close all season, slid into second place by taking three from the Nine Pins. The Rollmasters became threatening to the top flight teams by blanking the Rodders and the Alley Gators gulped three points from the Hi Balls to complete the program.

Charley Gillihan, Balls O' Fire, rolled his second better-than-600 scratch series within a week as he posted a 619, boosted to 688 with handicap. He made an even 600, the first in his career, while bowling for the Nip and Tucks

Charley Gillihan in the Mixed League November 30. Dave Grigg, Rollmasters, had the high game scores with a 233 scratch and 267 handicap effort. The Balls O' Fire registered the best team scratch scores with an 866 game and 2476 series. The Rollmasters were tops in handicap scoring with 1037 and 2906.

League standing follows:

Team	W	L
Beavers	34	18
Balls O' Fire	33	19
Lucky Five	32½	19½
Pin Busters	30½	21½
Rollmasters	30	22
Alley Gators	25½	26½
Rollniks	22	30
Hi Balls	21½	30½
Rodders	16	36
Nine Pins	15	37

## Split Dove Season Reopens Dec. 15

The second half of the split dove season will get underway December 15 and remain open until January 1, according to Walbert Kennedy, chief of the law enforcement division of the State Game and Fish Commission. Chief Kennedy said that shooting hours will be from noon until sunset, and the daily bag limit will be 12 doves, with a possession limit of 24. He also reminds hunters that the Federal regulations relative to baiting, firearms and method of hunting will be applicable to shooting of doves.

Cooperation is the key to an effective security program.

## Reactors, Shots Tied For Lead

### Hawks Win Two Tilts; Lab Demons Divide

The Y-12 Reactors and Oak Ridge Gaseous Diffusion Hot Shots were deadlocked in the Carbide Basketball League by adding one triumph each to their list in play last week. The Reactors trounced the ORGDP All Stars by 52 to 34 and the Hot Shots turned the heat on the ORGDP Lab Demons, regular season winners last season, with a 53-45 upset decision. The Y-12 Atoms, idle last week, were the only other undefeated team in the circuit.

The Y-12 Hawks got right into the race by winning a pair, dumping the ORGDP Lab L five by 44 to 31 and their fellow Y-12 Rebels by 50-32. The Rebels also bowed to the ORGDP D Shift quintet by 36-35 and the Lab Demons got an even break for the week by licking the Y-12 Players by 51-38.

The All Stars took an early lead over the Reactors, but the Y-12ers soon found range and coasted in as Spud Chandel tallied 20 points. Ted Martin with 20 and Bob Graham with 13 led the upset win of the Hot Shots over the Lab Demons, for whom Ed Woy bagged 12 and Harris 10 points.

In the Hawks win over the Rebels, the Birds were led by Floyd Teno with 11 and Gene O'Hara with eight. Mac Wright and Jim Richards each had 11 for the losers. John Pridgeon topped the Hawks against Lab L with 14 counters and Richards again had 11.

It took D Shift an overtime period to turn back the Rebels, the score being 33-all after regulation time. O'Hara had 17 points for high man of the game in the losing cause and Teno bagged eight. The shooting of Harris and Mothershed for the Lab Demons crushed the Players, the ORGDP hoopsters scoring 16 and 15 points, respectively. Stevens kept the Players in the game with 16.

Scores by periods and league standing follows:

Reactors	17	14	14	7-52
All Stars	9	8	7	10-34
Hawks	14	14	3	13-44
Lab L	2	11	8	10-31
D Shift	12	10	5	6-3-36
Rebels	10	11	6	6-2-35
Lab Demons	10	18	9	14-51
Players	6	8	13	11-38
Hawks	8	11	13	18-50
Rebels	7	10	9	5-32
Hot Shots	15	20	12	6-53
Lab Demons	5	15	11	14-45

Team	W	L
Reactors	3	0
Hot Shots	3	0
Atoms	1	0
Hawks	3	1
Players	2	1
Lab Demons	2	1
D Shift	1	2
Hoopniks	0	1
Buzzards	0	2
Lab L	0	2
All Stars	0	2
Rebels	0	3



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## Lowly Shad Contributed To Good Angling By Providing Food Supply For Game Fish

The mere mention of the word "shad" to a dyed-in-the-wool fisherman will more often than not evoke some comment about what a no good so-and-so he is and how he is responsible for ruining game fishing.

Actually such is not the case for the lowly shad can be the direct cause of good game fishing. As a food supply for more desirable game fishes the shad has no equal and without him the Great Lakes of the South could not sustain the wonderful bass, pike and crappie fishing now enjoyed.

### Threadfin Most Desirable

Of the three species of shad common to state waters the most desirable as a food supply for game fish is the small threadfin which seldom reaches eight inches in length and has a normal life span of only two years. The threadfin, although prolific to a phenomenal degree, is easy to control and stock. In addition to being an ideal forage fish for large impoundments state hatcheries use large numbers of these young shad in the propagation of walleye and muskie. Since shad populations are adversely affected by extreme cold, huge kills of these fish sometimes take place during a severe winter; this is true particularly in storage lakes. When this takes place the game fish population will suffer unless their food supply is replenished.

When it becomes necessary to restock one of the state reservoirs with threadfin shad, fisheries personnel of the Game and Fish Commission net the needed supply of small fish from below the dams of

the main stream impoundments. These nettings usually are made during the first part of May just prior to spawning time. Transported in tank trucks to waters where needed they are planted in only one or two places. From these areas they will travel far and wide to drop their eggs.

### Shipped To Other States

Like Tennessee, numerous other states now use the threadfin to supplement the food supply of their game fish populations. These small shad from the Tennessee River are now found as far away as California. Consequently, during the netting operations fisheries tank trucks of other states may be found waiting to load up a supply of Tennessee shad destined for their home waters.

Another species of shad which is familiar to most fishermen is the gizzard shad. Although not as desirable as the threadfin it is at the present time the main forage fish in large lakes of the state. The mooneye, not so well known among shad residents, is also found in Tennessee waters where addicts of the dryfly sometimes class him as a sporting fish.

In the management of the Tennessee fisheries program, one of the big problems in producing good game fishing is maintaining an adequate supply of forage fish

## Speakers Given For 'Meditations' Radio Programs

The enjoyable and inspirational "Christmas Meditations" radio program presented by Oak Ridge members of the Ministerial Association will continue for the rest of this week and next. The program is broadcast daily except Sunday over Oak Ridge Radio Station WATO from 4:45 p.m. to 5 p.m. The program is sponsored by Union Carbide Nuclear Company. It will continue through Saturday, December 24.

Speakers for the remainder of "Christmas Meditations" follow:

Dec. 15 — Rev. F. H. Black, Spurgeon Chapel, A.M.E.

Dec. 16 — Rev. Arthur Graham, Unitarian.

Dec. 17 — Rev. C. R. McCabe, Wesleyan Methodist.

Dec. 19 — Rev. R. O. Wallace, First Methodist, Clinton.

Dec. 20 — Rev. J. V. Kimpel, Faith Lutheran.

Dec. 21 — Dr. Paul Brown, Trinity Methodist.

Dec. 22 — Rev. L. R. Sherry, United Pentecostal.

Dec. 23 — Rev. R. B. Porter, First Nazarene.

Dec. 24 — Rev. Alexander M. Stewart, Jr., First Presbyterian.

so that young bass, pike and crappie do not fall prey to their own kind. The lowly shad completes that needed link in the food chain and contrary to popular opinion he is a highly desirable tool used in the production of better fishing for Tennesseans.



Get well wishes are extended the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

L. Elsbree, Utilities; W. S. Hollingsworth and E. Sharp, Mechanical Maintenance; H. L. Woodard, Beryllium Fabrication; F. R. Anderson, Sunflower Foundry; J. M. Kiernan and C. R. Bates, Z Area; S. M. Jamruz and J. L. Eller, Research Services.

## Marksmen Mashed To Pistol Cellar

The Experts took both scratch and handicap decisions from the Marksmen in the Y-12 Pistol League in the eighth round of action on December 5, dropping the losers into sole possession of last place. In the other match of the night the Sharpshooters maintained their four-point lead by splitting even with the Masters.

The Experts downed the Marksmen by 506 to 475 scratch and 575.878 to 575.302 handicap. K. A. Shumaker and J. V. Ledbetter were top scorers for the winners, Shumaker having a 260 scratch and 287.256 handicap tally while Ledbetter fired a 246 scratch and 288.622 handicap. Tommy Swindell was high gun for the Marksmen with 251 and 288.108 with O. C. Beatty runner-up at 224 and 287.194.

The Sharpshooters took the scratch margin from the Masters by 513 to 494 while the Masters posted a 576.345 to 575.804 handicap edge. Ed Bailey fired a 257 scratch for the Sharpshooters with E. C. Williams close behind at 256. F. S. Patton had the top handicap score for the loop leaders with 288.243 and Williams was right on his heels with a 287.561. Dave Alford was the top scratch scorer for the Masters with 269 and C. C. Beeler recorded 225. In handicap firing Newt Hamby was high with 288.479, followed by J. H. Shoemaker 287.866.

League standing follows:

Team	W	L
Sharpshooters	13	3
Masters	9	7
Experts	6	10
Marksmen	4	12

## Duck Season Open Until January 8

The duck season in Tennessee now is in full swing, according to Walbert Kennedy, chief of the law enforcement division of the State Game and Fish Commission. Kennedy said the season will continue through January 8, 1961.

Migratory waterfowl hunting regulations this year, Kennedy stated, permit the taking of all species of duck except redheads or canvasbacks. He also reminds hunters that only one wood duck and/or hooded merganser may be counted in the daily bag and possession limit on ducks. The daily bag limit on ducks is four with a possession limit of eight. In addition to the regular state hunting license required of all hunters, Kennedy cautions all waterfowl hunters that they must also have in possession a Federal migratory waterfowl stamp cancelled by their signature.

### HISTORY WAS MADE

John Quincy Adams, sixth President of the United States, was the only chief executive to be son of a previous President. His father was John Adams, second President of the nation.

Removal of classified documents from the Y-12 Plant to a private residence for work purposes is a security violation.

## Y-12 Reservist's 'Cruise' Staged Right In Ridge

The "reserve cruise" for Lt. Comdr. John B. Cory for this year didn't take him too far out of town. As a matter of fact, it was held in Oak Ridge as the U. S. Navy held its 12th annual Nuclear Science Seminar. The seminar opened on November 27 and was attended by several Carbide Naval Reservists.



J. B. Cory, Jr.

Cory, who is in the Y-12 Project Engineering Department, has been a naval reservist since his discharge from the Navy in 1946. He served as a maintenance engineer during his stay in service during World War II.

The seminar, being held in the Oak Ridge Institute of Nuclear Studies Special Training Building, includes phases of atomic energy that encompass such subjects as power reactors, reactor materials and designs, health physics problems, radiochemistry, nuclear weapons, radioisotopes, security aspects of the atomic energy program and radioactive waste disposal. The meetings were closed on Friday, December 2 with a presentation by Dr. W. G. Pollard entitled "Origin of the Universe."

Cory came to Y-12 November 4, 1954, and lives at 112 Cahill Lane, Oak Ridge.

## Turner-Patton Take Skeet League Lead

The Turner-Patton duo took over first place in the Y-12 Skeet League in firing on Sunday, December 4, ending up with a total of 207 points with only one more round of competition to go. In individual scratch score firing Jack Case, Fred Welfare and Hal Tunnell tied at 21 out of 25 targets. Turner-Patton and White Brewster tied at 34 scratch in team firing and Turner-Patton also were deadlocked with McNabb-Montgomery in handicap scoring at 49.

The first half of the season will close with action next Sunday afternoon, December 18, at the Oak Ridge Sportsmen's Association range. It is expected the league will continue activities.

League standing follows:

Team	Pts.
Turner-Patton	207
McNabb-Montgomery	202
Case-Hamby	192
*Welfare-Bailey	188
*Hopkins-Kennedy	186
*Tunnell-Dunlap	184
*Less-Landry	172
White-Brewster	166
*Patterson-Murray	146
Incomplete scores	

## Y-12 Credit Union Sets Annual Meet January 30

The annual membership meeting of the Y-12 Employees Credit Union will be held on Monday night, January 30, 1961, it was announced last week by W. R. McGill, of the Y-12 Fire Department and president of the organization. The meeting will be at 7:30 o'clock in the Green Room of the Ridge Recreation Hall.

As this is the only meeting of the year for the entire membership, all members (shareholders) of the Credit Union are urged to attend the meeting to vote on officials for the coming year, recommend a dividend payment and participate in any other business coming before the organization.

### WASHINGTON IS POPULAR

Washington is a popular name in Louisiana. One parish and 30 counties are named for George Washington.

## Application For Tickets

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OAK RIDGE HIGH SCHOOL

Thursday, December 22 10 a.m. \_\_\_\_\_ 1 p.m. \_\_\_\_\_ 3 p.m. \_\_\_\_\_

Friday, December 23 9 a.m. \_\_\_\_\_ 11 a.m. \_\_\_\_\_ ONLY \_\_\_\_\_

Gamble Valley School, 11 a.m., Thursday, December 22 ONLY \_\_\_\_\_

Please check first and second choice (write in space "1" or "2") as only a limited number of tickets will be issued for each party. Preference will be given early applicants and if tickets for first choice are exhausted, tickets for second choice will be issued.

Return this form, properly filled out, immediately to the Y-12 Recreation Office, Room 149, Bldg. 9704-2, NOT LATER than December 16. The required number of tickets will then be mailed to parents at their HOME ADDRESS.